

**GOVERNOR'S OFFICE**

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Office of State Planning and Budgeting

**FY 2009-10  
Prioritized Higher Education  
Capital Construction Requests**

*For Requests Funded with  
Federal Mineral Lease*

*November 1, 2008*

- OSPB Priorities 1-9 are projects already requested for FY 2008-09 and funded in HB 08-1375, the Long Bill. These projects were put on delay by the Governor on October 1, 2008 in order to ensure budget balancing in FY 2008-09. If and when there is a Round Two of COPs, OSPB recommends that these projects be first in priority.
- OSPB Priorities 10-14 are projects that were prioritized for Federal Mineral Lease Certificates of Participation during the process for SB 08-233 and in HJR 08-1042. OSPB and the Colorado Department of Higher Education (CDHE) recommend that if and when there is a Round Two of COPs, these projects should be funded before the projects prioritized between 15 – 48. Updated numbers were provided for some of these projects and they are included in full in OSPB's September 1, 2008 submission to the capital Development Committee.

<b>OSPB Priority:</b>	15
<b>Title:</b>	Construction Trades/Industry Science Building
<b>Department:</b>	Higher Education
<b>Institution or Division:</b>	Red Rocks Community College
<b>FML Funds Requested:</b>	\$3,123,000
<b>Total Funds Requested:</b>	\$3,123,000
<b>Type</b>	New Continuation

**Summary of Request:**

The request would renovate approximately 30,000 existing GSF and build an addition of 82,000 GSF to house and expand programs in the Construction Technology Cluster and the Industrial Science and Operations Department. The programs include Air-Conditioning/Refrigeration, Heating, Carpentry, Construction Management, Electrical, Fire Protection Electrical Alarm Systems, Facility Maintenance, Fine Woodworking, Plumbing, Energy Technology, Process Plant Technology, and Industrial Maintenance Technology.

The current construction program has outgrown the present facility, resulting in potentially unsafe conditions due to overcrowding in shops and labs. In addition, the carpentry program has lost enrollment as the competition for space reduced space offerings. Due to space limitations and fully utilized lab space, the Fine Woodworking program has postponed the acquisition of computer controlled routing machines, which are becoming the standard machinery for cabinet making and other products. With the additional and renovated space, RRCC believes that it could expand its student enrollment in its Construction Technology Cluster and its Industrial Science and Operations Department.

**Impacts:**

Out year impacts of \$26,635,972 FML in FY 2010-11, and \$12,110,742 FML in FY 2011-12.

<b>OSPB Priority:</b>	16
<b>Title:</b>	Nursing/Science Update
<b>Department:</b>	Higher Education
<b>Institution or Division:</b>	Otero Junior College
<b>FML Funds Requested:</b>	\$1,961,750
<b>Total Funds Requested:</b>	\$1,961,750
<b>Type</b>	One Time

**Summary of Request:**

The Nursing/Science Upgrade project will accommodate the recent expansion of our health/science related programs the last three years. OJC is proposing remodeling of 5,593 sq ft. in the current Life Sciences Building. This space would include two science labs, two general classrooms and one nursing skills lab. They are also proposing a 5,000 sq ft. addition be added on the south side of the Life Science Building. This space would include a large nursing simulation lab, one nursing skills lab, one EMS classroom/lab, and three offices. Four areas have created the need for this expansion.

The expansion of the nursing program over the past five years has increased nursing FTE by 70% from 55 to 94 FTE. Our nursing program is one of the largest in the state. This has created the need for additional classroom and nursing lab space on campus.

The State Board of Nursing currently allows up to 15% of clinical hours to be completed in a simulation lab. OJC needs a simulation lab to give us the clinical hours we need in this expanded program.

**Impacts:**

One time costs only.

<b>OSPB Priority:</b>	17
<b>Title:</b>	Education Innovation Building Campus Wide
<b>Department:</b>	Higher Education
<b>Institution or Division:</b>	University of Northern Colorado
<b>FML Funds Requested:</b>	\$34,960,334
<b>Total Funds Requested:</b>	\$39,960,548
<b>Type</b>	One Time

**Summary of Request:**

This request is for the construction of a 79,000 square foot Education Innovation Building on the UNC Campus. It is presented as a single request for \$39,960,548.

Provide a landmark building that defines the heart of UNC and provides a “front door” to the greater campus. The Education Innovation Building will bring a much needed advancement to the learning environment for the University. The building will include state of the art educational spaces such as a model K-12 classroom, model university classrooms and Center for Excellence in Teaching and Learning classrooms. The facility also includes office suites for Extended Studies, Center for Excellence in Teaching and Learning, Graduate Studies, Sponsored Programs and Academic Research Center, the University College and the new Education Innovation Institute. The building is to be located on the site of Bishop Lehr Hall, the former laboratory school which will be demolished as part of the project. The project replaces the request for a Student Services Building previously planned to be located in the same area. Several Student services functions which directly support innovation in teaching and learning are included in the new facility.

**Impacts:**

Total costs would be \$39,960,548, including \$5,000,214 in cash funds.

<b>OSPB Priority:</b>	18
<b>Title:</b>	College of Architecture and Planning
<b>Department:</b>	Higher Education
<b>Institution or Division:</b>	CU Denver
<b>FML Funds Requested:</b>	\$27,000,000
<b>Total Funds Requested:</b>	\$42,000,000
<b>Type</b>	One Time

**Summary of Request:**

This project involves the design and construction of a new facility for the College of Architecture and Planning to be located on the site of Auraria Higher Education campus. The new 120,000 gross square foot building is necessary to support the UCDHSC Denver campus program requirements of the College of Architecture and Planning. The new building will provide a flexible learning environment that will foster collaboration and shared value through the design of open and interconnected spaces for classes, lectures, studios, discussions and meetings. The flexible space and building will facilitate the exchange of creative thought and design; be a manifestation of what occurs inside; be a demonstration of sustainable design and systems; support a sense of community within the College; and be a resource to the design and construction industry throughout Colorado. By statute, the College offers the only programs in architecture and planning in the state of Colorado.

Three changes are driving the need for new space for the College of Architecture and Planning. These changes include: continued, strong enrollment growth; proposed new undergraduate program in architecture at the Denver campus; and change in pedagogy with a focus on lab-based projects. Strong, continuing enrollment growth in has left the campus with insufficient space to deliver the College’s program. The CU-Denver building space is physically fragmented resulting in isolated studios, laboratories, classroom facilities, and faculty office space. The current facility does not support flexibility. Not only is the quantity of program space considered insufficient, but the current fragmented space organization in the building also inhibits program interaction and integration. There is currently no space available in the building or at the Denver site for program expansion by the College.

The project design will commence on July 1, 2009, and construction in July 2010. Building occupancy is planned for July 2012. The new building will be constructed on the northeastern edge of the Auraria Higher Education campus adjacent to Speer Boulevard.

**Impacts:**

Cash funds are being contributed. The project budget is estimated to total \$42 million to include \$15 million in cash funds and \$27 million in state funding.

<b>OSPB Priority:</b>	19
<b>Title:</b>	Systems Biotechnology Building
<b>Department:</b>	Higher Education
<b>Institution or Division:</b>	University of Colorado - Boulder
<b>FML Funds Requested:</b>	\$12,920,693
<b>Total Funds Requested:</b>	\$97,584,342
<b>Type</b>	New Continuation

**Summary of Request:**

The Boulder campus is planning to build a new \$128 million, 150,000 assignable square foot research and teaching facility in the East Campus Research Park for occupancy in December 2010, to accommodate the rapid growth of CUs systems biotechnology programs. The systems biotechnology building is visionary: a facility that makes the Front Range of Colorado a national powerhouse in the emerging field of genomics and molecular biotechnology. The building plan includes designing research labs and meeting places that will foster interdisciplinary research, graduate and undergraduate training, and collaboration with visitors and corporate partners.

Excellent faculty is the driving force for the Colorado Initiative in Molecular Biotechnology (CIMB). Arts and Sciences faculty from Physics, Applied Mathematics, Ecology and Evolutionary Biology, and Integrative Physiology and Engineering and Applied Science faculty from Computer Science are also engaged. The focus is to understand living cells and control cellular behavior by employing new, interdisciplinary methods in genomics, proteomics, biosensors, biophysics, tissue engineering, and biorenewable energy, requiring a multidisciplinary, systems approach. The CIMB builds on an interdisciplinary, synergistic linkage will lead to additional technologies, drugs, and techniques that will improve human lives. Creating opportunities to work together will be a key design goal for the building. Vacated spaces will provide needed space for chemistry and engineering programs on the main campus.

The key phasing component of this project is the commencement of construction on the facility. The project will have several bid packages beginning with the grading and foundations, then building superstructure and exterior enclosure. As a part of this, basic building infrastructure will be constructed. Later phases will include laboratory fit up and furnishings and equipment.

**Impacts:**

This request includes \$84,663,649 in cash funds. The out year obligation is \$12,920,693 FML.

<b>OSPB Priority:</b>	20
<b>Title:</b>	Engineering Building II
<b>Department:</b>	Higher Education
<b>Institution or Division:</b>	Colorado State University
<b>FML Funds Requested:</b>	\$65,000,000
<b>Total Funds Requested:</b>	\$65,000,000
<b>Type</b>	One Time

**Summary of Request:**

This project will construct a new Engineering Building on the Main Campus, at the corner of Laurel and Meridian. This project will consist of a 3-story, 107,066 gross square foot building that will add offices, laboratories, classrooms and study areas. The total estimated cost is \$65 million, with 96,773 gsf finished space and 10,293 gsf core and shell space. CSU has defined an optional 4<sup>th</sup> floor should the bid climate improve or additional space be shelled or additional funds become available prior to completion of schematic design. In that case, this project would become a 4-story, 141,906 gross square foot building. This project is requesting state funding. Once funding is in place it is estimated that the project can be completed in 30 months.

The College of Engineering is growing. This is demonstrated in increases in faculty headcount, enrollments, and research expenditures. With increases in faculty headcount, the school has added new degree programs such as the M.S. and Ph.D. in bioengineering, an MEngr in Systems Engineering (under development), and an engineering science option in teacher education. This has resulted in the need for additional and higher quality space to accommodate new programs and to promote collaborations among faculty and students.

Space for undergraduate and graduate students is an important consideration and need. The College of Engineering has about 550 graduate students; about 100 of these students are in the Department of Atmospheric Science. Of the remaining 450 graduate students, there is space for less than ¼ of these students in Glover and the current Engineering Building. Many graduate students conducting funded research have no access to an office. There is inadequate space for graduate teaching assistants to support our undergraduate programs. Many undergraduate researchers are asked to limit their time in the laboratory and some faculty members have begun to reject students due to lack of space. Our footprint on the CSU Main Campus is small and the facilities at the Engineering Research Center are outdated and inadequate.

**Impacts:**

One time costs only with no institutional match. CDHE ranked this project at this priority due to its priority at CSU and past appropriations per FTE at CSU compared to other institutions.

<b>OSP Priority:</b>	21
<b>Title:</b>	Paul Wright Gym, Renovation and Expansion
<b>Department:</b>	Higher Education
<b>Institution or Division:</b>	Western State College
<b>FML Funds Requested:</b>	\$3,000,000
<b>Total Funds Requested:</b>	\$3,847,990
<b>Type</b>	New Continuation

**Summary of Request:**

Western State College requests Capital Construction funds for the construction of the Paul Wright Gymnasium Renovation and Expansion (Phase II). This request would allow the completion of the Paul Wright Gym renovation and expansion that began in the late 1990's, but was not completed due to state funding shortages. This facility upgrade and expansion is needed to address endemic shortages of classroom space for the Recreation and Exercise Sports Sciences (RESS) program, inadequate office space and facilities for faculty and athletic staff and make-shift recreation facilities for the student body. The inadequate space for these programs has affected our ability to recruit and retain quality students, faculty, and staff and to provide adequate services to the campus population. The College also seeks to attain LEED certification at the gold level for this expansion and renovation.

**Impacts:**

The total amount of the project is \$37,500,000 with \$30,000,000 requested from the state spread over two years starting in FY 2009-10. The remaining \$7,500,000 funding would come from internal Western sources. There is a cash match in FY 2009-10 of \$847,990. \$3,000,000 and \$27,000,000 FML is requested on FY 2009-10 and FY 2010-11, respectively.

<b>OSPB Priority:</b>	22
<b>Title:</b>	Meyer Hall- Physics Building
<b>Department:</b>	Higher Education
<b>Institution or Division:</b>	Colorado School of Mines
<b>FML Funds Requested:</b>	\$4,145,000
<b>Total Funds Requested:</b>	\$4,389,313
<b>Type</b>	New Continuation

**Summary of Request:**

The project involves design and construction of a new 103,647 gross square foot academic facility for the Department of Physics at the Colorado School of Mines. The new facility will replace the existing Meyer Hall building on the Mines campus. The facility is obsolete. A renovation of the facility has been determined to be non-cost effective

The plan for the new facility addresses the institutional goals of the campus master plan. In addition to providing essential space to improve learning, teaching, and research, the new building will serve as a magnet for the Mines physics research program, generating new research funding, attracting top-quality faculty, and drawing the nation's and world's best students in physics, engineering and science.

**Impacts:**

Total costs would be \$25,000,000 FML and \$21,258,000 CF.

<b>OSPB Priority:</b>	23
<b>Title:</b>	General Classroom Building
<b>Department:</b>	Higher Education
<b>Institution or Division:</b>	Colorado State University – Pueblo
<b>FML Funds Requested:</b>	\$15,038,750
<b>Total Funds Requested:</b>	\$15,038,750
<b>Type</b>	One Time

**Summary of Request:**

This new project request is for the construction of a new General Classroom Building on the Colorado State University-Pueblo campus. The General Classroom Building is envisioned as a three-story 45,000 gross square fee building located in the academic core of the campus. The building will have three floors of 15,000 gross square feet each and will provide lecture auditoriums, large lecture classrooms, computer labs, general classrooms, faculty and staff support offices, and conferencing space for general educational program delivery.

The new General Classroom Building will serve two purposes, the first relating to projected growth and enrollment, and the second to current facility and space deficiencies. Firstly, the building will serve as a temporary academic/ academic support space during the planned renovation of two academic buildings - the Psychology Building and the Technology Building – and then become a permanent academic and academic support space serving an increased student population. The University’s intent is for this project to be prioritized ahead of these two renovation projects so that this new space can serve as temporary space for those functions displaced when the renovation projects occur.

The proposed new facility will allow the building to serve program and space needs to at least 2016, and will serve as a signature building from afar as well as near on the east side of the campus, in counterpoint to the existing Academic Resources Center at the west. When the University’s 2006-stated stretch goal to double enrollment by 2016 is reached, growing from 4200 to 8400 students, the General Classroom Building will offer 820 seats to contribute towards meeting this growth.

The proposed project is anticipated to take 25 months, from the time of funding to completion, with a total cost of \$15,038,750. The current enrollment and academic demands have made this new facility the number one priority on the Colorado State University-Pueblo campus.

**Impacts:**

This is a project with only one time costs.

<b>OSPB Priority:</b>	24
<b>Title:</b>	Whalen Gymnasium Renovation and Expansion
<b>Department:</b>	Higher Education
<b>Institution or Division:</b>	Fort Lewis College
<b>FML Funds Requested:</b>	\$2,712,660
<b>Total Funds Requested:</b>	\$2,712,660
<b>Type</b>	New Continuation

**Summary of Request:**

This project was envisioned to primarily address the needs of the Athletic Department and will also benefit Exercise Science. Identified as capital construction priority #2 by the College (as approved by the Board of Trustees for Fort Lewis College), this project has been included as part of the College's 5 Year Capital Construction Plan since 1999. As a result of the State budget difficulties in recent years, this project has not received funding for any phase of work.

The Exercise Science/Adventure Education program represents a significant evolution from a physical education-based program to an academically-oriented program. This project would create facilities that will embrace and foster this programmatic evolution. A modern athletic environment is critical to the recruitment and retention of both students and faculty for this and other programs housed in Whalen Gymnasium.

This project design would create a plan that will upgrade the athletic facilities, inadequate locker rooms, equipment areas, meeting rooms, academic support facilities. The plan will improve the attraction of Fort Lewis College for the recruitment of high quality athletes and exercise science students. This plan will promote development of strong campus and community support. Sub-standard facilities too often lead to poor performances on the fields which, in turn, limit the revenue producing ability of the major sports.

The College believes that the Program Plan provides the best way to proceed improving the Exercise Science/Adventure Education and Athletic programs, giving the school a modern sustainable athletic facility for meeting the academic program needs of the departments.

**Impacts:**

Total cost is \$27,666,249 FML.

<b>OSPB Priority:</b>	25
<b>Title:</b>	IT and Security Plan Update
<b>Department:</b>	Higher Education
<b>Institution or Division:</b>	Adams State College
<b>FML Funds Requested:</b>	\$2,073,135
<b>Total Funds Requested:</b>	\$2,073,135
<b>Type</b>	One Time

**Summary of Request:**

This project is a compilation of five key technology and security updates for Adams State College:

- *The Computer Room Power and Security* project will build the foundation for all IT systems on the campus, consisting of an upgrade to the Computer Room power system, and the addition of a Security and Monitoring system;
- *The Network Infrastructure Update* project will be the first building block added to the above foundation. Due to obsolescence and the end of manufacturer support, all of the current network switches will need to be replaced by mid-year 2007. This project also adds additional capability to support a secondary (disaster recovery) computer area;
- *The Technology Enhanced Classrooms (TECs)* project will provide new TECs on the campus and a campus wireless network – both of which will facilitate instructor productivity and effective student learning;
- *The Document Imaging* project will increase workforce productivity, enhance document security, provide for backup and recovery in the event of a disaster and reduce physical storage requirements; and
- *The E-Commerce* project will provide a user-friendly, on-line capability to support on-campus as well as extended-campus financial transactions. This project will significantly improve the security of current on-line financial transactions.

**Impacts:**

One time costs only.

<b>OSPB Priority:</b>	26
<b>Title:</b>	Houston Hall Renewal and Construction Management and Mechanical Engineering Annex
<b>Department:</b>	Higher Education
<b>Institution or Division:</b>	Mesa State College
<b>FML Funds Requested:</b>	\$19,538,433
<b>Total Funds Requested:</b>	\$19,538,433
<b>Type</b>	One Time

**Summary of Request:**

Houston Hall is the cornerstone of Mesa State College’s educational experience. Much of the core curriculum requirements at the College are taught in this building. It is the oldest and most venerable structure on campus constructed in 1940 for Mesa Junior College.

The building has been remodeled several times in piecemeal fashion over the years and is in excellent structural condition but it needs a thorough upgrading to increase energy efficiency, provide accessibility, and keep abreast of improvements in other campus facilities. The last significant renovation was completed almost 30 years ago.

This plan will not only make these basic improvements but will also make the building more responsive to college needs by increasing the number and capabilities of classrooms, increasing faculty offices and adding spaces for student/student and student/faculty interaction. It will rearrange the corridor system by adding a new student lounge area which with other corridor improvements will elevate student experience to the collegiate level.

Key to this project is the relocation of the new CM & ME (Construction Management & CU Mechanical Engineering) Programs into a new Lab and Classroom building also included in this request. The lower division CM/ME classes are currently being held in Houston Hall and at the Western Colorado Community College Bishop Campus across town. When the first students in this program reach upper division in 2010 Houston Hall will be unable to meet facility needs for the more advanced curriculum.

**Impacts:**

The project budget for the Houston Hall Renewal and CM/ME Annex is for one time funding of \$19,538,433.

<b>OSPB Priority:</b>	27
<b>Title:</b>	One-Stop Student Service Center - Westminster
<b>Department:</b>	Higher Education
<b>Institution or Division:</b>	Front Range Community College
<b>FML Funds Requested:</b>	\$5,487,218
<b>Total Funds Requested:</b>	\$5,487,218
<b>Type</b>	One Time

**Summary of Request:**

This request would create a new One-Stop Student Services Center on the Westminster campus that occupies existing space that is currently underused. This Student Services Center would include admissions and records, advising, career services, the call center, financial aid, special services and tutoring, student life activities, testing and related services that students use frequently. Using the space reallocation, the project would also centrally house the mathematics department and create a large meeting/gathering space that would serve functions such as student orientations, guest lectures, and musical performances by faculty, staff, and community members.

Currently, student services are housed in multiple locations and students are frequently sent from office to office to get questions answered. And, communication between different student services departments can be inefficient. A combined center will improve efficiency and reduce the amount of “running around” that students currently face. The mathematics department has the highest rate of faculty to student contact and has the most part-time faculty, but the current offices are highly dispersed throughout the campus and are typically only large enough to accommodate one student at a time.

The project has resubmitted the exact same program plan that was approved last year, but budget documents include increased costs for inflation and High Performance Building Program compliance.

**Impacts:**

One time costs only.

<b>OSPB Priority:</b>	28
<b>Title:</b>	Alamosa Campus Expansion
<b>Department:</b>	Higher Education
<b>Institution or Division:</b>	Trinidad State Junior College
<b>FML Funds Requested:</b>	\$1,800,000
<b>Total Funds Requested:</b>	\$1,800,000
<b>Type</b>	One Time

**Summary of Request:**

Trinidad State Junior College requests Capital Construction funds for the Alamosa Campus Expansion project. The Trinidad State Junior College’s Alamosa Campus is also known as the Valley Campus. The amount of the request is \$1,800,000, and is requested for the FY 09-10.

The Valley Campus operates in a building that was constructed in the 1950’s as an elementary school and the facility was remodeled in 1998 to serve around 600 students. Student enrollment at the Valley Campus has increased by 92% since 1999 and last fall (2007) the campus enrolled 932 headcount students.

The increased number of students requires use of community facilities to deliver for credit instruction. Currently, the campus uses 17 sites throughout the area and will add three more in August (2008). Academic programs are also impacting on-campus space. The Valley Campus uses the Student Center building, which is auxiliary funded space, at a cost of \$31,000 per year to deliver Nursing courses because space is not available in the academic building.

The project will include two classrooms of 30-stations each and two science laboratories of 24-stations each. A preparation room for the science laboratories is also a component of this project. These spaces will total 6,000 gross square feet.

**Impacts:**

One time costs only.

<b>OSPB Priority:</b>	29
<b>Title:</b>	South Classroom Addition/Renovation
<b>Department:</b>	Higher Education
<b>Institution or Division:</b>	Auraria Higher Education Center
<b>FML Funds Requested:</b>	\$3,929,642
<b>Total Funds Requested:</b>	\$3,929,642
<b>Type</b>	New Continuation

**Summary of Request:**

The South Classroom Building was the first building constructed on campus and is in need of expansion and extensive renovation. As one of the most heavily utilized facilities on campus, it has a large inventory of general assignment classrooms that are scheduled by UCDHSC, MSCD, and CCD. In addition the building houses the majority of Community Colleges of Denver Programs.

This project would renovate 138,000 existing GSF and construct 62,000 new GSF as an addition to the current building. With the renovation of existing space and the addition of new space, the building's space needs as well as support systems and computer technology needs will be met.

Each program and office needs to have its own consolidated space and identity. Identity is important to all of the programs for enrollment, retention, and for way finding. The ventilation system and temperature controls are antiquated and inefficient. There is currently inadequate storage space throughout the building with the worst situation but especially for Student Services and their need to maintain paper files. Safety and security is another concern because of the high number of night classes and the building's close proximity to Colfax Avenue and the RTD Light Rail platform. ADA-compliant access to South Classroom is also problematic and needs to be addressed. Lastly, communications between departments and offices is impacted due to poor adjacencies driven by overall lack of space. The building cannot support the required technology and it is this technology that is rapidly becoming the future of education. In fact, the Community College of Denver's Institutional Effectiveness, Planning and Technology Office had to relocate to the Administration Building due to the lack of power and connectivity needed for the computer room.

**Impacts:**

This year's request reflects a 4% construction inflation, in-line with OSPB request. The out year impacts are \$20,297,093 in FY 2010-11 and \$21,317,430 in FY 2011-12. There is no cash match to this project.

<b>OSPB Priority:</b>	30
<b>Title:</b>	Aerospace and Energy
<b>Department:</b>	Department of Higher Education
<b>Institution or Division:</b>	University of Colorado - Boulder
<b>FML Funds Requested:</b>	\$3,428,491
<b>Total Funds Requested:</b>	\$5,714,152
<b>Type</b>	New Continuation

**Summary of Request:**

This project involves the design and construction of expanded facilities for the CU-Boulder College of Engineering and Applied Science to be located on the northeast corner of the Engineering Center, currently the site of a surface parking lot. The proposed new 77,690 gross square foot, \$39,720,000 facility will help to enhance the college’s status as a national leader in aerospace science and engineering and in renewable and sustainable energy-related teaching and research.

The building will support interdisciplinary, public, and private collaboration involving scientists, engineers, and computational experts to develop solutions that will enhance new space missions, develop new energy sources, and better manage energy resources. Configurations of interior space will bring together faculty and students in a cluster concept where labs and offices are co-located, and graduate and undergraduate students work in close proximity. This model is expected to create a high quality, hands-on educational experience for students. In addition, the building will also contain a highly specialized, discipline-specific clean room to be used for assembly and testing of space hardware systems. Improved support and access for all these programs will create synergy for collaboration between industry partners, and current faculty, staff, and students.

Design is scheduled for August 2009 through August 2010; Construction - March 2011 through April 2012; Equipment - May 2012 through July 2012; and, Occupancy August 2012.

**Impacts:**

This is a \$39.7 million dollar building, with an out year cost of \$20,403,509 FML.

<b>OSPB Priority:</b>	31
<b>Title:</b>	Animal Science Building Renovation and Expansion
<b>Department:</b>	Higher Education
<b>Institution or Division:</b>	Colorado State University
<b>FML Funds Requested:</b>	\$4,700,000
<b>Total Funds Requested:</b>	\$5,930,443
<b>Type</b>	New Continuation

**Summary of Request:**

This project would completely renovate and add onto the circa-1959 Animal Sciences Building on the Main Campus. Existing plumbing, mechanical, electrical, and telecommunications systems would be replaced, rooms would be reconfigured, and modern audio-visual systems installed in the renovated teaching labs and classrooms. Besides renovating the 41,558 gross square foot (gsf) building, this project would construct two additions to the building. An addition on the north side facing the Monfort Quadrangle will become the main campus entrance. The other addition on the south side would add a specialized 170-seat auditorium, second-story collaboration spaces off the proposed Department of Animal Science library, new ADA-compliant restrooms, and a new elevator. (The auditorium would be equipped to refrigerate and suspend various animal carcasses in the front of the classroom for demonstrations to large audiences on processing and food safety practices.) The south addition would be the more public entrance to the building. These additions will add 12,842 gsf to the building.

**Impacts:**

Includes \$1,230,443 Cash Funds. Total costs are \$4,700,000 FML and \$14,800,000 CF.

<b>OSPB Priority:</b>	32
<b>Title:</b>	Johnson Hall Renovation
<b>Department:</b>	Higher Education
<b>Institution or Division:</b>	Colorado State University
<b>FML Funds Requested:</b>	\$5,600,000
<b>Total Funds Requested:</b>	\$5,600,000
<b>Type</b>	One Time

**Summary of Request:**

The Renovation of Johnson Hall will include a complete renovation of all existing building systems including existing plumbing, mechanical, electrical and telecommunications systems. The program plan also entails extensive spatial reconfigurations along with modern architectural finishes and modern audio-visual systems in the renovated classrooms. The renovation will remodel approximately 33,000 GSF of classroom and office space. The space is estimated to accommodate up to 425 students.

The existing structure is 49,800 square feet and was constructed in 1937 with a major addition in 1939. The building has historic significance and is part of the University Historic District. Presently, many of the prior facility functions have been moved to other spaces such as performing arts functions to the University Center of the Arts. The newly available space is scheduled for renovations and is appropriately suited to house offices for Faculty and Graduate Research and Teaching Assistants. There is also space available that is suited for a variety of scheduled classrooms. The program will include a variety of office space types including large open office areas as well as smaller office spaces and open office clusters.

**Impacts:**

One time costs only.

<b>OSPB Priority:</b>	33
<b>Title:</b>	Quigley Hall Renovation
<b>Department:</b>	Higher Education
<b>Institution or Division:</b>	Western State College
<b>FML Funds Requested:</b>	\$3,557,233
<b>Total Funds Requested:</b>	\$3,557,233
<b>Type</b>	New Continuation

**Summary of Request:**

Western State College requests Capital Construction funds for the complete renovation of Quigley Hall. Quigley Hall requires renovation towards enhancement of life safety, code, and accessibility issues as well as to address deferred maintenance. A driving element of this renovation is the correction of many health / life safety issues. The building's 40-year old air-handling systems are in most critical need of improvement as many of the art labs do not have adequate ventilation. Many of the art labs are improperly sized creating safety issues around crowded production areas. In addition, the size of most private instruction rooms for music are too small, and with some having inadequate acoustical treatments, these rooms have the potential to damage hearing. The College also seeks to attain LEED certification at the gold level as the result of this renovation.

**Impacts:**

The amount of the request is \$24,812,245 State funds spread over three years starting in FY 2009-10.

<b>OSPB Priority:</b>	34
<b>Title:</b>	South Hall
<b>Department:</b>	Higher Education
<b>Institution or Division:</b>	CU Colorado Springs
<b>FML Funds Requested:</b>	\$2,008,800
<b>Total Funds Requested:</b>	\$2,008,800
<b>Type</b>	New Continuation

**Summary of Request:**

This request is for the construction of a new, approximately 65,000 gross square feet building. It will house approximately 36,085 assignable square feet for the College of Education and certain departments within the College of Letters, Arts and Sciences. First year funding in FY 2009-10 will pay for the design and site investigation.

In the College of Letters, Arts and Sciences the Humanities programs include English (literature and composition), History, Languages and Cultures, and Philosophy. These programs have seen a huge increase in student demand in recent years. Degrees awarded in the Humanities are up 115% over the last 10 years. The Writing Program within the English Department is particularly noted for the strength of their student assessment which has resulted in significant improvements in the program. History has a remarkably strong Masters Degree program. Languages and Cultures have expanded language offerings with a very popular program on Japanese as well as restructuring the Spanish language major. Philosophy has incorporated Religious Studies which has been a popular area of study for many students. While the demand for general classroom space is being met, some of the largest overall campus space deficits directly affect the learning experience with a 7.5% deficit in labs, 63.9% deficit in open labs, 39.5% deficit in academic offices (faculty offices) and a 69.8% deficit in other academic support space. This new building starts to address some of these deficits.

**Impacts:**

Although requested as capital construction funds, this is designated as a FML COP request. The initial year of FY of 2009-10 is \$2,008,800, the FY 2010-11 commitment is \$10,888,127, and the FY 2,011,012 is \$10,370,098.

<b>OSPB Priority:</b>	35
<b>Title:</b>	Earth Energy Institute – Phase 1
<b>Department:</b>	Higher Education
<b>Institution or Division:</b>	Colorado School of Mines
<b>FML Funds Requested:</b>	\$4,080,313
<b>Total Funds Requested:</b>	\$6,110,313
<b>Type</b>	New Continuation

**Summary of Request:**

The Colorado School of Mines (CSM) initiated an update to its research long rang plan with the objective of increasing the University’s research activities through direct grants and collaborative relationships with other universities, research institutions, and private enterprises. This study examined three models for accommodating research growth: a distinct and physically separate research park, an embedded research park with separate governance, and an institute that would integrate University research with increased presence by public, non-profit, and public partners. Through deliberation of options and opportunities, the University concluded that its research interests are best served by creation of an institute that will serve to perpetuate CSM’s mission and effectively support its thriving research.

The Earth-Energy Institute will serve to further cultivate CSM’s expertise in the energy and earth sciences, enhance CSM’s prominence as a research institution, provide for expanded graduate programs, and support the University’s financial resource base. It will host an interdisciplinary facility, research centers, industry consortia, classroom space, meeting space, and office and lab space for industry partners. It aims to serve as the anchor for CSM’s research activities that are part of the Colorado Renewable Energy Collaboratory, a partnership formed in 2007 with the National Renewable Energy Laboratory, Colorado State University, and the University of Colorado at Boulder.

The first phase is scheduled to begin construction in the third quarter of 2010. The Institute is projected to be approximately 61,000 gross square feet (33,000 net square feet). This phase will host the fundamental elements to the Earth Energy Institute which consist of the Geophysics Department, the Center for Rock Abuse, and a central loading and receiving facility.

**Impacts:**

Out year impact for FY 2010-11 is \$15,950,000 FML and \$17,004,371 Cash Funds and is 100% Cash Funds in FY 2011-12 at \$6,591,473.

<b>OSPB Priority:</b>	36
<b>Title:</b>	Campus Wide Geo Exchange System
<b>Department:</b>	Higher Education
<b>Institution or Division:</b>	Mesa State College
<b>FML Funds Requested:</b>	\$5,491,635
<b>Total Funds Requested:</b>	\$5,491,635
<b>Type</b>	One Time

**Summary of Request:**

This Capital Renewal Building/Infrastructure Request will provide the additional drill fields, central loop system, and all associated appurtenances (vaults, pumps, valves, sensors, controls, etc.) necessary to provide a 1,500 ton Geo Exchange system that will be made available to most buildings on campus. The Geo Exchange system will connect existing drill fields with new fields that are currently under construction and with existing boilers and cooling towers resulting in a cleaner, more energy efficient means of heating and cooling. The existing boilers and cooling towers will be only be used to either add energy (boilers) or to take energy away (cooling towers) from the Geo Exchange system during periods of peak demand. All new buildings on the College campus will be connected to the Geo Exchange system during the final phases of construction, while existing buildings would be selectively converted from standard heating and cooling systems to the more efficient heat pumps systems as funding allows.

**Impacts:**

One time costs.

<b>OSPB Priority:</b>	37
<b>Title:</b>	Breckenridge Building Renovation and Instructional Technology and Construction of Physical Plan
<b>Department:</b>	Higher Education
<b>Institution or Division:</b>	Pikes Peak Community College
<b>FML Funds Requested:</b>	\$1,225,255
<b>Total Funds Requested:</b>	\$1,225,255
<b>Type</b>	New Continuation

**Summary of Request:**

This project would renovate and upgrade the technology to the Breckenridge building on the Centennial campus. The Breckenridge building was completed in 1978 and no systematic remodeling of the space has occurred since then.

Physical facilities need to be adequately lighted and adequate ventilation is required in areas dealing with smoke, fume, and particulate by-products such as automotive diesel areas, welding, machining, and art. Changes in program content, technology, new equipment, and teaching methods require reconfiguration of some program spaces to maintain efficiency and take advantage of new technologies. Wear and tear of current facilities due to more than twenty years of student use needs to be addressed.

**Impacts:**

\$16,720,104 total funds for the entire project.

<b>OSPB Priority:</b>	38
<b>Title:</b>	Hellems Arts and Sciences Building Capital Renewal, Phase 1 of 2
<b>Department:</b>	Department of Higher Education
<b>Institution or Division:</b>	University of Colorado - Boulder
<b>FML Funds Requested:</b>	\$3,262,951
<b>Total Funds Requested:</b>	\$3,262,951
<b>Type</b>	New Continuation

**Summary of Request:**

Structurally sound, with basic building systems deteriorated and in need of repair/upgrade for code compliance and maintenance upgrades. Fire rated doors, electrical panels, exterior windows, roof gutters, interior door hardware, lighting systems, fire rated wall penetrations, ADA requirements, HVAC system upgrades and stair enclosures are some of the deficiencies noted in audit.

The facility audit for this facility shows major deficiencies in energy, functionality, hazardous materials abatement, and appearance. Minor deficiencies are shown in code compliance, building integrity, and exterior systems. The Capital Renewal Project will address these issues as well as issues pertaining to the mission of this facility. The project is being phased for budgetary reasons, with the design and construction work schedule to match the funding sequence. Phase 1: Design; Phase 2: Construction.

**Impacts:**

There is an out year state funds obligation of \$22,341,119.

<b>OSPB Priority:</b>	39
<b>Title:</b>	Life and Biomedical Sciences
<b>Department:</b>	Higher Education
<b>Institution or Division:</b>	Colorado State University
<b>FML Funds Requested:</b>	\$14,586,778
<b>Total Funds Requested:</b>	\$14,586,778
<b>Type</b>	One Time

**Summary of Request:**

This proposal will construct a four-story 84,984 gsf multi-department, research/teaching building on Main Campus. The building will be located at the site of the existing Stock Pavilion to take advantage of adjacencies to Yates Hall, Microbiology, Chemistry, and existing Anatomy Buildings. The proposed budget of \$64,000,000 includes revitalization of 39,717 gsf of vacated space in four other buildings. CSU is seeking state funds (in three phases) for this project. Phase I is design, demolition and utility work, Phase 2 is the new construction and Phase 3 is renovation and equipment installation.

The project will primarily benefit the College of Veterinary Medicine and Biomedical Science which includes the Department of Biomedical Science, the Department of Microbiology, Immunology and Pathology and the Department of Environmental and Radiological Health Sciences.

BMS has an expanding research program and is rapidly reaching capacity in the existing buildings on campus. In addition, the new undergraduate major in Biomedical Science, with its emphasis on experiential training in laboratories and other teaching activities, requires increases in teaching and laboratory space.

**Impacts:**

Total costs are \$69,400,000 FML with no cash funds.

<b>OSPB Priority:</b>	40
<b>Title:</b>	Forestry Revitalization
<b>Department:</b>	Higher Education
<b>Institution or Division:</b>	Colorado State University
<b>FML Funds Requested:</b>	\$5,000,000
<b>Total Funds Requested:</b>	\$5,000,000
<b>Type</b>	One Time

**Summary of Request:**

The Forestry Building was constructed in 1937 and needs to be updated. The entire building should be painted, and new flooring and ceilings are required. The heating system was 90% updated in 2008, but needs to be completed. Plumbing fixtures and lines should be replaced. An exhaust system for the restrooms needs to be provided. Asbestos floor tile and ceiling should be removed. Updated handicapped toilets should be provided and dead end corridors should be corrected. New electrical distribution and efficient lighting is required.

**Impacts:**

One time costs only.

<b>OSPB Priority:</b>	41
<b>Title:</b>	Anatomy/Zoology Building Renovation and Expansion
<b>Department:</b>	Higher Education
<b>Institution or Division:</b>	Colorado State University
<b>FML Funds Requested:</b>	\$9,300,000
<b>Total Funds Requested:</b>	\$9,300,000
<b>Type</b>	One Time

**Summary of Request:**

The project will revitalize classroom and lab space at the Anatomy & Zoology building at CSU. This will include replacement of outdated mechanical and electrical systems. There are no anticipated changes to the programming of the building. This project serves to modernize and revitalize the existing building so that it may better facilitate the current functions and educational experience of the students. Integral components of the revitalization include:

- The HVAC portion will include new energy efficient air handlers, cabinet exhaust fans, T/C valves, heating coils, dampers, and fan motors;
- Classrooms will be provided with the capability to utilize electronic information for current and future teaching practices;
- This project will bring the building into compliance with current building codes;
- New and more efficient windows will be installed to promote natural day lighting and reduce energy loads;
- More efficient plumbing fixtures, mechanical equipment and electrical systems will be utilized; and
- Handicapped accessibility will be improved;

The project will revitalize the facility by correcting structural, mechanical, electrical, and information technology deficiencies.

This project should allow the facility condition index of the building to increase from 75 to 85. This will be accomplished by addressing code issues; replacing electrical, heating, cooling, and ventilation systems; installing new laboratory casework, plumbing, electrical fixtures, and chemical fume hoods. Flooring issues as well as facility painting will also be addressed.

**Impacts:**

One time costs only.

<b>OSPB Priority:</b>	42
<b>Title:</b>	Shepardson Building Renovation and Expansion
<b>Department:</b>	Higher Education
<b>Institution or Division:</b>	Colorado State University
<b>FML Funds Requested:</b>	\$4,394,906
<b>Total Funds Requested:</b>	\$4,394,906
<b>Type</b>	New Continuation

**Summary of Request:**

The Shepardson Building, built in 1938, houses the Department of Horticulture and Landscape Architecture and other functions of the College of Agriculture. The 46,393 gross square foot (gsf) building is not only too small for the Department, but is badly in need of new plumbing, mechanical, electrical and telecommunications systems. This project also includes construction of a 36,230 gsf addition that will add eight teaching labs, office and support space. The addition would be constructed on the north side where a courtyard is formed by the east and west wings and will include a dramatic entrance facing University Avenue. This total \$28,457,895 project anticipates \$8,000,000 in Capital Construction Funds Exempt and the rest from donor funds.

**Impacts:**

Total costs are \$9,000,000 FML; \$22,800,000 CF.

<b>OSP Priority:</b>	43
<b>Title:</b>	San Luis Valley Research Center
<b>Department:</b>	Higher Education
<b>Institution or Division:</b>	Colorado State University
<b>FML Funds Requested:</b>	\$4,800,000
<b>Total Funds Requested:</b>	\$4,800,000
<b>Type</b>	One Time

**Summary of Request:**

Colorado State University conducts resident instruction, research and outreach programs supporting the land grant mission outlined in the Morrill, Hatch, and Smith-Lever Acts of Congress. Specifically, CSU conducts programs to educate students in applied sciences, conducts research through the Agricultural Experiment Station to address agricultural, natural resource, and community and rural issues and problems in Colorado, and extends the results of its research to producers, service industries, communities, governmental agencies through Cooperative Extension, the Colorado State Forest Service and other outreach activities. These programs, which include the San Luis Valley Research Center (SLVRC), are focused on agricultural production and enterprise viability: to increase income of the region and producers; to maintain sustainable agriculture through efficient use of water and other resources; to minimize environmental impacts of production; and to maintain viability of the rural communities of the region.

This project includes additions and renovations to the Office and Laboratory building, the General Processing building and the shop/machine shed as well as a new equipment storage building. The project will complete and equip research units, providing work space for handling bulk field samples and adding additional potato storage research units in the General Processing/Storage Research building, construct and remodel offices for staff due to program growth and improve shop and storage capacity for field and other equipment currently exposed to the environment. The program plan appendix includes detailed space evaluations, outlining additional space required, and functional uses for each space type and each building addition, renovation as well as the new construction of the equipment storage building.

The buildings and farm facilities at the SLVRC to conduct research, extension and seed certification programs no longer provide the functionality required. The new construction and remodeling outlined in the program plan are necessary to solve current programmatic and operational deficiencies and emerging program needs for a period estimated to be 20 years or more. Funding for the needed improvements to the center have been delayed and this capital request and program plan will help in maintaining and proliferate the program well into the future.

**Impacts:**

One time costs with no cash funds.

<b>OSPB Priority:</b>	44
<b>Title:</b>	Visual and Performing Arts Complex
<b>Department:</b>	Higher Education
<b>Institution or Division:</b>	CU Colorado Springs
<b>FML Funds Requested:</b>	\$4,409,725
<b>Total Funds Requested:</b>	\$4,409,725
<b>Type</b>	New Continuation

**Summary of Request:**

This request is for the construction of a new building to house the Department of Visual and Performing Arts on the campus of the University of Colorado at Colorado Springs. Approximately 67,875 assignable square feet (asf) will be provided for the Visual and Performing Arts programs in a facility of approximately 97,431 gross square feet (gsf).

The plan includes classrooms, offices, a recital hall/cinema, studio space for creative work and teaching, a performance space/theatre, the Gallery of Contemporary Art, rehearsal space, curatorial space, a lobby and warming kitchen area in support of campus and community events. Students will utilize administration and student services, housing, and learning resource functions already located on the main UCCS campus. The facility will be located on the North Nevada site of the UCCS campus.

It is anticipated that the space in University Hall vacated by the Theatre program and Theatreworks will be reassigned to the Nursing College to assist with their growing classroom, laboratory and office needs. The Nursing College currently has hundreds of students waiting to get into their programs. Much of the space will require minimal remodeling although the large theater space will need to be broken up into smaller spaces.

**Impacts:**

Although requested as capital construction funds, this is being considered as a FML COP request. The facility is estimated to cost \$43,721,502 and funding is requested over a two year period. First year funding in FY 2009-10 will pay for the design and site investigations. The estimated cost is \$4,287,233. The second year funding of \$39,311,776 will construct and equip the facility.

<b>OSPB Priority:</b>	45
<b>Title:</b>	Geosciences Building
<b>Department:</b>	Department of Higher Education
<b>Institution or Division:</b>	University of Colorado - Boulder
<b>FML Funds Requested:</b>	\$5,093,797
<b>Total Funds Requested:</b>	\$8,489,662
<b>Type</b>	New Continuation

**Summary of Request:**

The campus envisions the construction of a new, 100,000 gsf, \$59.5 million dollar facility to be located on Pod D of the East Campus Research Park, just north of the McAllister Building, to house the necessary adaptable, flexible wet laboratories, offices, and conference areas ideal for collaboration and integration of teaching and research in geosciences.

CU-Boulder’s students and faculty are ideally located with the scientists of nearby federal labs. These unique resources hold promise for addressing environmental and energy issues that are among the most pressing problems of the twenty-first century. The challenge facing all universities—locally, nationally, and internationally—is to develop sustainable solutions to our environmental problems, mobilizing the best work of both natural and social sciences to understand the nature and causes of the problem and to produce practical and effective solutions. With its wealth of environmental and energy resources, the state is and should be at the forefront of this effort. Occupancy is anticipated in August 2012.

**Impacts:**

This project request has an out year cost of \$51,010,339 total funds, including \$30,606,203 State funds.

<b>OSPB Priority:</b>	46
<b>Title:</b>	Psychology Building Renovation and Addition
<b>Department:</b>	Higher Education
<b>Institution or Division:</b>	Colorado State University – Pueblo
<b>FML Funds Requested:</b>	\$2,178,443
<b>Total Funds Requested:</b>	\$2,178,443
<b>Type</b>	New Continuation

**Summary of Request:**

The Psychology Building was built in 1975, and is the most heavily used academic building on campus. The 45,987 gross square feet building is a one level structure with a basement.

The building currently houses six academic departments which include the College of Humanities and Social Sciences, Psychology, English/Foreign Languages, History/Political Science/Philosophy/Geography, Social Work, Sociology/Anthropology, and Speech Communications. A seventh department, Teacher Education, is expected to be moved to the Psychology Building upon completion of the proposed renovation.

As academic programs continue to change, the present facility, now 33 years old, no longer supports its programs due to technological and space inadequacies, and poor building conditions. A major renovation and a new addition of 26,460 gross square feet to the Psychology Building is being proposed for this project, increasing the existing gross area of the building by 57.5%. Enrollment data and faculty counts based on the past 6 years, taken together with the University’s stretch goal of doubling enrollment by 2016, indicate that a projected growth of 25% in faculty and 15% in student count is a reasonable and conservative blending of these two approaches to growth prediction, for the purposes of this project. The space shortages that have been identified are currently having the most serious effect on program academic areas within the building.

The building also falls short of compliance with current building codes. This is especially true for the mechanical and electrical systems, which have been in use for the past 33 years and now require both upsizing and replacement. A complete new fire protection sprinkler system must be installed to comply with current codes; outdated and inoperable HVAC systems need to be replaced; better lighting is required; and, information technology systems must be upgraded to better support program delivery.

**Impacts:**

The proposed project is anticipated to take twenty eight (28) months, from the time of funding to completion, with a total cost of \$15,245,087. The current academic demands of the building, the current condition of the building, and health and safety concerns have made the renovation of this facility the second priority on the CSU-Pueblo campus. \$13,066,644 would be requested for FY 2010-11.

<b>OSPB Priority:</b>	47
<b>Title:</b>	Technology Building Renovation and Addition
<b>Department:</b>	Higher Education
<b>Institution or Division:</b>	Colorado State University – Pueblo
<b>FML Funds Requested:</b>	\$2,130,880
<b>Total Funds Requested:</b>	\$2,130,880
<b>Type</b>	New Continuation

**Summary of Request:**

The Technology Building was built in 1981. The 57,654 square foot building is constructed as a two-story structure; its massing can be described as two classroom wings with one enclosed penthouse structure per wing that are joined by a central office/mechanical wing. The academic programs using this building are undergoing major transitions and the program needs are rapidly changing. For example, nursing enrollments have doubled in the past 6 years, and both the automotive industry management and engineering enrollments have increased by 24% in the same period. As a result, the present facility, now 27 years, old no longer supports its programs, is functionally obsolete and in very poor condition.

The renovation of the Technology Building has been on the campus’ long-term plan for the past ten years. The proposed addition and renovation will allow the building to serve program and space needs to at least 2016. The current academic demands of the building, the current condition of the building, and health and safety concerns have made the renovation of this facility the third priority on the CSU-Pueblo campus.

**Impacts:**

The proposed project is anticipated to take twenty eight (28) months, from the time of funding to completion, with a total cost of \$15,039,276. \$12,908,396 would be requested for FY 2010-11.

<b>OSPB Priority:</b>	48
<b>Title:</b>	Renovation and Expansion of Tomlinson Library
<b>Department:</b>	Higher Education
<b>Institution or Division:</b>	Mesa State College
<b>FML Funds Requested:</b>	\$26,046,483
<b>Total Funds Requested:</b>	\$26,046,483
<b>Type</b>	One Time

**Summary of Request:**

This project includes two additions and the renovation of most areas within Tomlinson Library. The first addition is 5200 sf on the third floor in the northwest corner of the building. This area was designed to be enclosed as indicated on original structural plans which are on file. The second addition is 42,000 sf constructed in a three story annex to the south.

The original Library is over 20 years old and is not adequate to serve Mesa State’s growing enrollment, collections, and changing technology.

This project would:

- Construct an addition that will allow consolidation and expansion of the stacks with enough space to maintain a workable flow as the collection grows
- Offer more open and log-in computer facilities
- Expand distance learning facilities
- Expand archives
- Expand government documents and create study space in the area
- Allow space for the increasing volume of gift collections
- Provide more “quiet” and “silent” study spaces
- Increase storage area
- Provide a staging area for sorting collections as they come in
- Create an identifiable and attractive entryway for the north entrance
- Upgrade technology band width, cabling and Wi-Fi
- Correct existing building deficiencies
- Update finishes and modernize the look
- Make the building energy use more efficient

**Impacts:**

Construction is anticipated to start when funding is approved and will require approximately 24 months to complete. If funded in January 2009 the project would be completed in December 2010. The costs are one time.